



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#17/Pee Amdt C

Applicants: Wierer, Jonathon; Krames, Michael; Rudaz, Serge.
Assignee: LumiLeds Lighting U.S., LLC
Title: Multi-Layer Highly Reflective Ohmic Contacts for Semiconductor Devices
Serial No.: 09/469,652 Filing Date: December 22, 1999
Examiner: Chu, C. Group Art Unit: 2815
Docket No.: M-9197 US

8/22/02
VS

San Jose, California
August 9, 2002

BOX RCE
COMMISSIONER FOR PATENTS
Washington, D. C. 20231

PRELIMINARY AMENDMENT

Dear Sir:

This amendment accompanies a Request for Continued Examination and a Petition for Extension of Time. Applicants request entry of this amendment before continuing with the Examination. This is a response to the Final Office Action of April 9, 2002.

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IN THE CLAIMS

The following is a clean version of the entire set of pending claims. The present submission amends Claims 1 and 11, to read as indicated below. In accordance with 37 CFR §1.121(c)(1)(ii), marked up versions of the amended claims containing the newly introduced changes are included in Appendix A attached.

SUB D2
A

1. (Three times amended) A light-emitting device comprising:
a semiconductor heterostructure including at least one p-type layer and one n-type layer;
a p contact and an n contact, the p contact electrically connected to the p-type layer, the n contact electrically connected to the n-type layer, wherein at least one of the p and n contacts is a multi-layer contact external to the semiconductor heterostructure and including a



08-12-02

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San Francisco, CA

Docket No.: M-9197 US

August 9, 2002

Box RCE
Commissioner For Patents
Washington, D.C. 20231

Re: Applicants: Wierer, Jonathon; Krames, Michael; Rudaz, Serge
Assignee: LumiLeds Lighting U.S., LLC
Title: Multi-Layer Highly Reflective Ohmic Contacts For Semiconductor Devices
Serial No.: 09/469,652
Examiner: C. Chu
Docket No.: M-9197 US Filed: December 22, 1999
Group Art Unit: 2815

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

(1) Return Receipt Postcard;
 (2) This Transmittal Letter (in duplicate);
 (3) Transmittal Letter (1 p.);
 (4) Preliminary Amendment (6 pp.);
 (5) Request for Continued Examination (RCE) (1 p.); and
 (6) Petition for Extension of Time (1 p.).

No additional fee is required.
 The fee has been calculated as shown below:

CLAIMS AS AMENDED

	Claims Remaining <u>After Amendment</u>		Highest No. Previously Paid For		Present Extra	Rate		Additional Fee
Total Claims	16	Minus	20	=	0	x \$18.00	\$	0.00
Independent Claims	2	Minus	3	=	0	x \$84.00	\$	0.00

<input type="checkbox"/> Fee of _____ for the first filing of one or more multiple dependent claims per application	\$
<input checked="" type="checkbox"/> Fee for Request for Extension of Time (one month)	\$ 110.00
<input checked="" type="checkbox"/> Fee for Request for Continued Examination (RCE)	\$ 740.00

Total additional fee for this Amendment: \$ 850.00

Conditional Petition for Extension of Time: If an extension of time is required for timely filing of the enclosed document(s) after all papers filed with this transmittal have been considered, an extension of time is hereby requested.
 Please charge our Deposit Account No. 19-2386 in the amount of \$ 850.00
 Also, charge any additional fees required and credit any overpayment to our Deposit Account No. 19-2386.

Total: \$ 850.00

EXPRESS MAIL LABEL NO.:

EL 937 077 767 US

Respectfully submitted,

Norman R. Klivans
Attorney for Applicants
Reg. No. 33,003

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